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Mueller, James Lowell

Monterey, California: Naval Postgraduate School

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RESUME OF JAMES LOWELL MUELLER

Dr. James Lowell Mueller was born in Thief River Falls, Minnesota on 10 December 1940. He received the Bachelor of Science (with Honors) degree from the U.S. Coast Guard Academy in 1962. In 1974, he was awarded the degree of Doctor of Philosophy in Physical Oceanography by Oregon State University (School of Oceanography).

Dr. Mueller served as a Commissioned Officer in the U.S. Coast Guard from 1962 through 1968, and resigned his commission in 1969 to study oceanography at Oregon State University. During his tenure as a graduate student, he pursued research in oceanographic remote sensing using airborne infrared radiometers and visible spectrometers. His Ph.D. thesis dealt with experimental and theoretical aspects of the way in which phytoplankton influence the color of seawater as viewed from above. Immediately after completing his Ph.D. requirements, Dr. Mueller went to NASA's Goddard Space Flight Center in Greenbelt, MD, first as an NRC Postdoctoral Resident Research Associate (1973-74) and subsequently as a Research Oceanographer (1974-80). At Goddard, he pursued research in the remote sensing of the oceans from space, and during his final two years with NASA (1979-80), also served as Project Scientist for the National Oceanic Satellite System (NOSS) Program.



Dr. Mueller joined the NPS Oceanography Department faculty, in his present position as Adjunct Associate Professor, in September 1980.

Dr. Mueller is a member of the American Geophysical Union.